

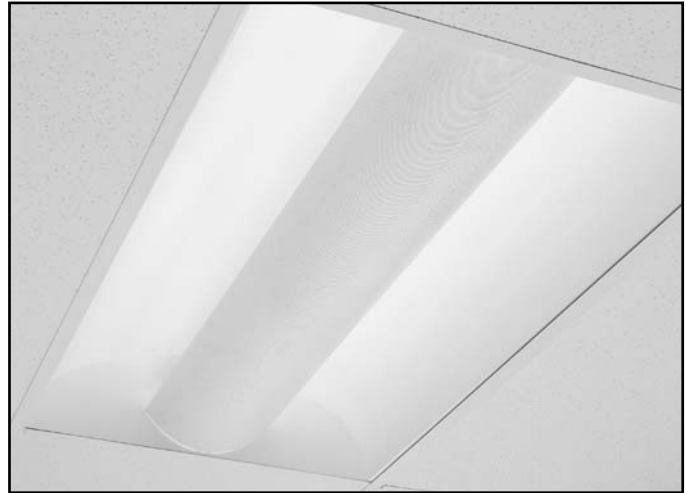
# ALTER HIGH EFFICIENCY QHE2GPFOP4FT

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2' X 4' RECESSED DIRECT/INDIRECT FLUORESCENT 4 LAMP, TT5 BI-TUBE  
5-1/2" DEEP MICROPERFORATED MESH LAMP SHIELD, STATIC

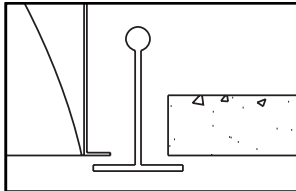
## Features

- Efficiency 66.8%.
- Swing down microperforated lamp shield for easy relamping and maintenance.
- Alter soft white film on inside of mesh conceals lamp image and provide balance between reflected light and direct light.
- Fully recessed luminaire and lamp compartment.
- 95% Reflective Alter soft white paint finish.
- Specular interior reflector.
- One piece body for easy installation.
- Easy access to ballast through lamp compartment.
- Fits standard T-Grid ceilings.
- Exclusive socket locks lamp into place.

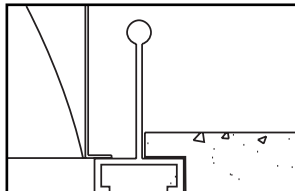


## Mounting Methods / Features

Ceiling compatibility

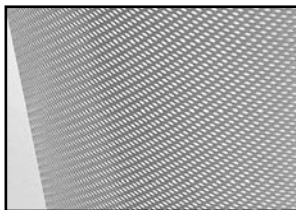


Suited to standard exposed T-grid ceilings

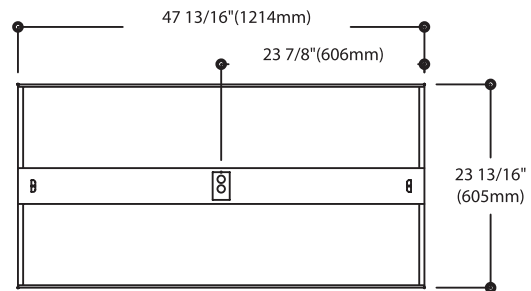
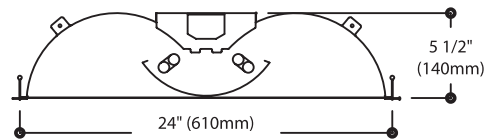


Suited to standard exposed Slot T-grid ceilings

Microperforated mesh lamp shield



## Dimensions



### Job Information

### Type:

**Job Name:**

**Cat. No.:**

**Lamp(s):**

**Volts/Ballast:**

**Lightolier** a Genlyte Thomas Company

Technical Information: (978) 657-7600 – (978) 658-0595

631 Airport Road, Fall River, MA 02720 – (508) 679-8131

C.F.I. Division of Canlyte, Inc.

525 Education Road, Cornwall, Ontario, Canada K6H 6C7 – (613) 938-6221

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**LIGHTOLIER**

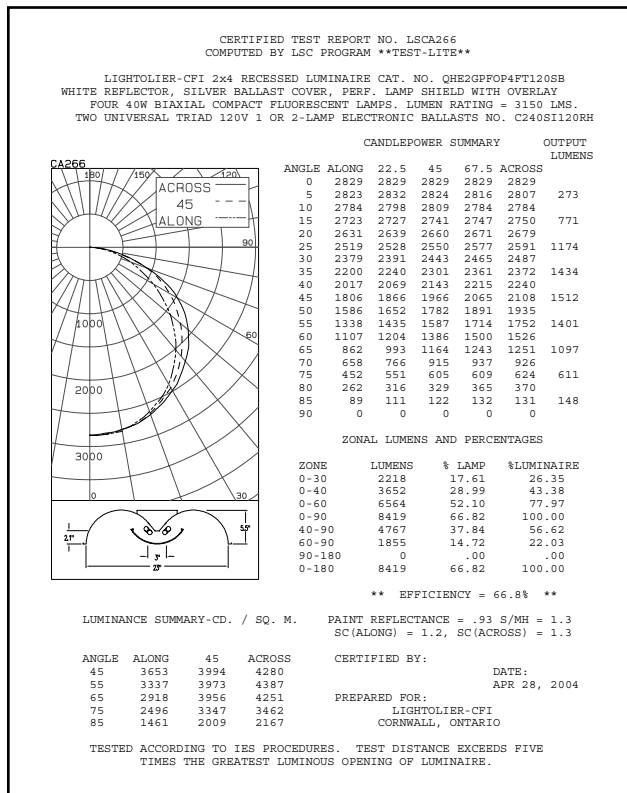
# ALTER HIGH EFFICIENCY QHE2GPFOP4FT

Page 2 of 2

2' X 4' RECESSED DIRECT/INDIRECT FLUORESCENT 4 LAMP, TT5 BI-TUBE  
5-1/2" DEEP MICROPERFORATED MESH LAMP SHIELD, STATIC

## Photometry

Model No. : QHE2GPFOP4FT120SB



LIGHTING SCIENCES CANADA LTD.  
440 PHILLIP ST., UNIT 19  
WATERLOO, ONTARIO

CERTIFIED TEST REPORT NO. LSCA266  
COMPUTED BY LSC PROGRAM \*\*TEST-LITE\*\*

LIGHTOLIER-CFI 2x4 RECESSED LUMINAIRE CAT. NO. QVS2GPFOP4FT120SB  
WHITE REFLECTOR, SILVER BALLAST COVER, PERF. LAMP SHIELD WITH OVERLAY  
FOUR 40W BIAXIAL COMPACT FLUORESCENT LAMPS. LUMEN RATING = 3150 LMS.  
TWO UNIVERSAL TRIAD 120V 1 OR 2-LAMP ELECTRONIC BALLASTS NO. C240S1120RH

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC WALL	80	70	50	30	10	0
70	50	30	10	70	50	30
30	10	70	50	30	10	70
10	70	50	30	10	70	50
0	70	50	30	10	70	50

RCR

0	.80	.80	.80	.80	.78	.78	.78	.78	.74	.74	.74	.71	.71	.71	.68	.68	.68	.67
1	.73	.70	.67	.65	.71	.69	.66	.64	.66	.64	.62	.63	.62	.60	.61	.59	.58	.57
2	.67	.62	.58	.54	.65	.60	.57	.53	.58	.55	.52	.56	.53	.51	.54	.52	.50	.48
3	.61	.54	.49	.45	.60	.53	.49	.45	.51	.47	.44	.50	.46	.43	.48	.45	.42	.41
4	.56	.49	.43	.39	.55	.48	.43	.38	.46	.42	.38	.45	.41	.37	.43	.40	.37	.36
5	.52	.43	.38	.33	.50	.43	.37	.33	.41	.36	.33	.40	.36	.32	.39	.35	.32	.31
6	.48	.39	.33	.29	.46	.38	.33	.29	.37	.32	.28	.36	.31	.28	.35	.31	.28	.26
7	.44	.35	.29	.25	.43	.34	.29	.25	.33	.28	.25	.32	.28	.24	.31	.27	.24	.23
8	.40	.31	.26	.22	.39	.31	.26	.22	.30	.25	.22	.29	.25	.21	.28	.24	.21	.20
9	.37	.29	.23	.19	.37	.28	.23	.19	.27	.22	.19	.27	.22	.19	.26	.22	.19	.18
10	.35	.26	.21	.17	.34	.26	.21	.17	.25	.20	.17	.24	.20	.17	.24	.20	.17	.15

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
LUMINAIRE INPUT WATTS = 126.3  
LABORATORY RESULT MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE.  
BALLAST FACTORS HAVE NOT BEEN APPLIED.

## Ordering Information Explanation of Catalogue Number Example: QHE2GPFOP4FT120SB

<b>QHE</b>	<b>2</b>	<b>G</b>		<b>OP</b>				
<b>QUALITY HIGH EFFICIENCY</b> Recessed direct indirect soft light high efficiency optical system	<b>FIXTURE WIDTH</b> 2'	<b>CEILING TYPE</b> Standard exposed T-grid ceilings	<b>LAMP SHIELD</b> PF = Microperforated	<b>LAMP SHIELD DETAIL</b> OP = One piece (no center slot)	<b>LAMP QUANTITY</b> 2 4	<b>LAMP/FIXTURE LENGTH (NOMINAL 24")</b> FT = TT5 Bi-Tube FL = Two TT5 Bi-Tube in a 4FT body	<b>VOLTAGE</b> 120V 277V 347V	<b>OPTIONS</b> R = Radio Interference Filter O = Emergency Lighting System (for Canada) N = Emergency Lighting System (for U.S.)
							<b>BALLAST</b> BE = 50W Elect., TT5 R5 BR = 40W Elect., TT5 R5 BX = 40W Magn., TT5 R5 PB = 40W TT5 Power Spec Dimming* PC = 50/55W TT5 Power Spec Dimming* SB = 40W Generic Elect. TT5 * Not available in 347V	

## SPECIFICATIONS

**MATERIALS:** One piece chassis constructed from die formed 20 gauge cold rolled steele. Reflectors - 95% reflectance baked white acrylic matte paint finish. Specular aluminum interior reflector. Soft white acrylic film on inside of lamp shield conceals lamp image.

**FINISH:** Chassis exterior - phosphate undercoating, baked white acrylic matte paint finish.

**ELECTRICAL:** Rapid start HPF, thermally protected class "P" ballast (Bi-tube type). If K.O.s are within 3" of ballast use wire suitable for at least 90C.

**LABELS:** Listed by CSA, UL

## Job Information

Type:

Lightolier a Genlyte Thomas Company

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